

ABSTRACT

A system and method for switching data using a high-speed packet switch are described. Multiple communications are received along at least one input communication line. Each communication is framed into one or more packets, each packet containing destination information related to a destination module for a predetermined amount of data contained within each packet. Each packet is then transmitted to the destination module based on the destination information. Each packet is further retrieved from one storage module of multiple storage modules contained within the destination module at a rate dictated by a destination address field contained within the destination information and multiplexed to obtain a communication to be transmitted along an output communication line.